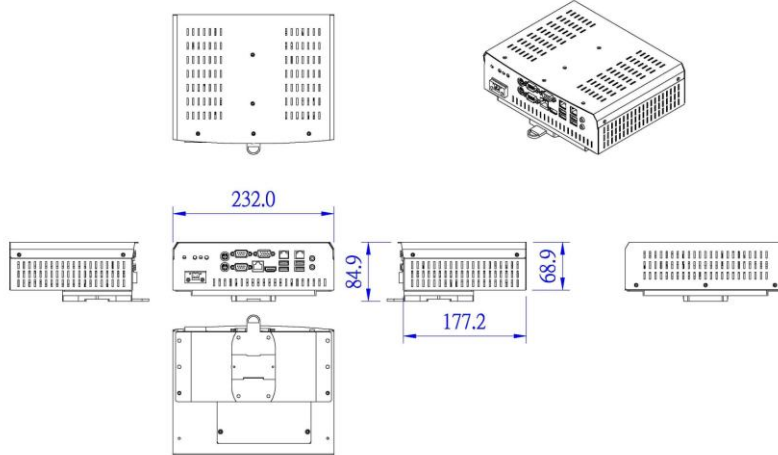# MPC-2700

MPC-2700-FL-130313

The MPC-2700 is an embeddable high-end fan-less mini Box PC with optional PCI slot.

TECHNICAL SPECIFICATIONS

Mainboard

Chipset	Intel new Cedar Trail NM10 chipset
Processor	Intel fanless Atom dual core 2.13GHz CPU (D2700)
CPU consumption	Max power consumption 10 watts
System Memory	4GB

Mounting Method

Mounting Bracket	Two brackets on both sides for mounting
Shock Rubber Feet	Two anti-shock rubber feet on each mounting
OPTIONAL	DIN Rail mounting

Storage Device

HDD	120Gb SolidState Disk
Data Mgmt	Level wearing, error data management, etc.
Shock/Vibration	High tolerance against shock and vibration.
Operating Temp	-20 to 70 degrees Celcius

Fan or Fanless

Fanless Processor	Fanless Atom Dual Core 2.13GHz CPU (D2700)
Heatsink module	Integrated Heatsink (optional for fanless application at high ambient temp.)

Video Processor

Graphics Engine	Intel GMA 3600 3D high speed graphics accelerator
DirectX 3D Grap.	Support DirectX 10.0 3D graphics
DVMT Technology	Support Intel Dynamic Video Management Tech.
Video Memory	Support 1.5GB high speed video share memory

Power Supply

Power Consumption	Max power consumption is 25 watts only
DC Power input	DC 8~36V, 48V or 110VDC.
AC Adapter	External Ac Adapter support 90-264V, 60W

I/O Port

VGA & HDMI Port	1 x VGA D-sub 15-pin port
	1 x HDMI support high definition video & audio
Ethernet Network	2 Giga bit LAN support 10/100/1000 Mbps
USB 2.0 Port	4~6 x USB 2.0 high speed ports
COM (RS232)	3~6 x COM Ports (5x RS232 + 1x RS232/422/485)
PS2 Port	1 x PS2 Keyboard and 1 x PS2 Mouse port
Audio Port	1 x Audio-in, 1 x Audio-out port
Power Connector	1 x Phoenix type green DC-in connector or Lockable mil-circular connector

Chassis Material

Chassis Material	Anti-corrosion galvanized steel with black finish.
Construction	Rugged steel anti-shock construction
Standard Colour	Black

On-Off Switch & LED

On-Off Switch	Red button on the left.
Reset Switch	Black button in the middle.
Power LED Ind.	Red LED.
SSD LED Ind.	Green LED

Environmental

Operating Temperature	Meet MIL-STD-810F, 0 to +50°C
Storage Temperature	Meet MIL-STD-810F, -20 ~ +60°C
Shock	Meet MIL-STD-810F shock standard
Vibration	Meet MIL-STD-810F vibration standard
Compliance	Meet CE, FCC, RoHS standard

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